

ABSTRACT

In a gas turbine engine, a fuel inlet tube comprising a body, a channel defined in the body and in fluid communication with a manifold, and a side inlet in fluid communication with the channel, such that fuel entering the side inlet is delivered to the manifold through the channel with a pressure generally directed along a radial axis of the body. Also, a fuel inlet tube comprising a heat shield surrounding at least part of a body, a chamber defined between the heat shield and the body and in fluid communication with fuel leak sources, a drain channel defined in the body in fluid communication with the chamber, and a drain hole defined in the body in fluid communication with the drain channel, such that a leak produces fuel received in the chamber and safely directed through the channel and the hole to allow detection of the leak.